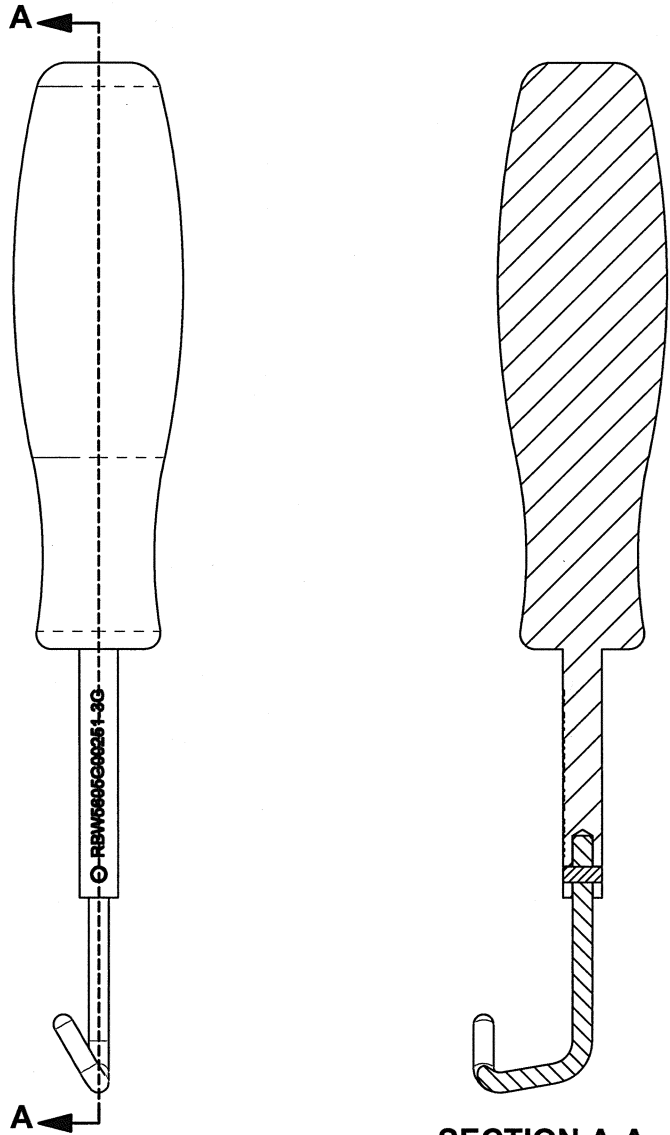
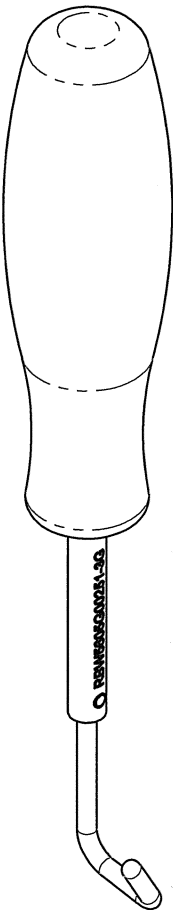
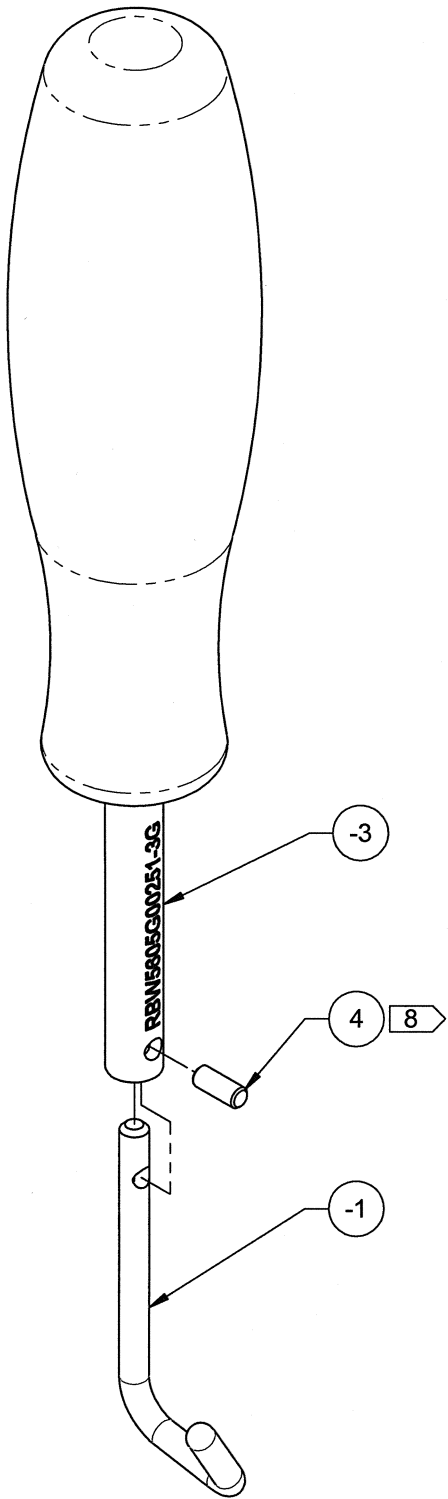


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW5605G00251-3G-1	HOOK
-3	1	RBW5605G00251-3G-3	HANDLE
4	1	McMaster#98381A216 OR EQUIV.	STEEL DOWEL PIN 1/8" DIA. X 5/16" LG.



SECTION A-A

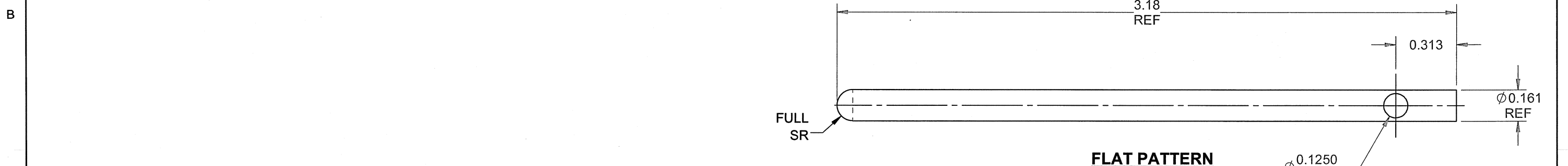
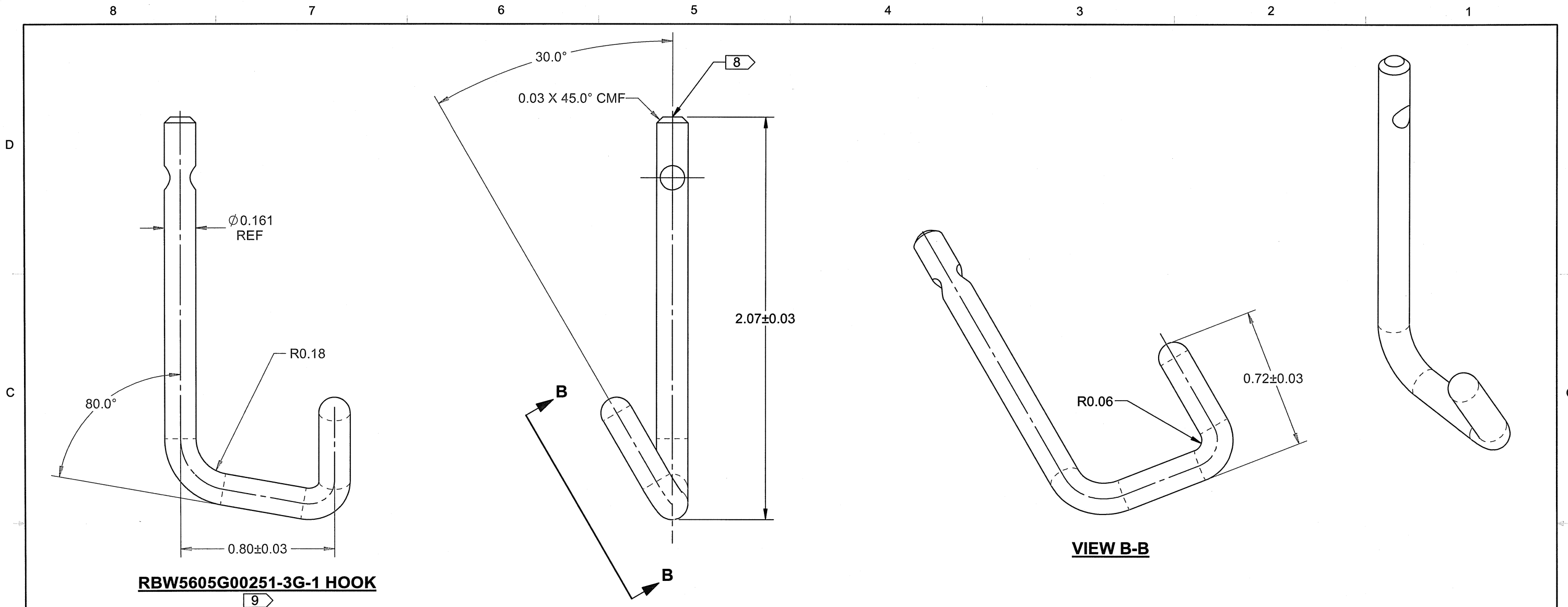


RBW5605G00251-3G SEAL INSTALLATION TOOL

9  
10

- NOTES:
- 1) MATERIAL: N/A
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) IDENTIFICATION: N/A
  - 7) ASSEMBLE AS SHOWN
  - 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES  
THEN PRESS FIT ITEM 4 WITH ITEM -3 AND ITEM -1, AND REMOVE EXCESS
  - 9) APPLY RUST INHIBITOR LPS 3 ON ALL BARE SURFACES
  - 10) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

C	SEE PREVIOUS PDFs FOR OLD REVS TEMPLATE UPDATED PER DART HBY STANDARD ITEM 4 ADDED WELDING FEATURE REMOVED ITEM -1 DIMENSION $\phi .1550 \text{--} .0008/\text{--} .0020$ CHANGED FOR $\phi 0.161$ REF, MATERIAL 304 CHANGED FOR O1 McMaster#8893K165, BLACK OXIDE FINISH ADDED, HEAT TREAT 28-32 Rc ADDED, DIMENSION $\phi .16$ REMOVED, DIMENSION 2.06 CHANGED FOR 2.07 $\pm$ 0.03, DIMENSION .70 CHANGED FOR 0.72 $\pm$ 0.03, DIMENSION .80 CHANGED FOR 0.80 $\pm$ 0.03, FLAT PATTERN ADDED, DIMENSION 0.313 ADDED, DIMENSION $\phi 0.1250/0.1242$ THRU ADDED ITEM -3 DIMENSION $\phi .1550 \pm .0018/0 \nabla .50$ CHANGED FOR $\phi 0.166$ $\pm 0/0.003 \nabla 0.500$ , DIMENSION 0.188 ADDED, DIMENSION $\phi 0.129$ $\pm 0.001/0$		19-735	VM
	REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	VM			
CHECKED	KPT	TOOL PART #	REV. C	
MFG. APPR.	DD	RBW5605G00251-3G	SHEET 1 OF 3	
APPROVED		TITLE	SCALE	
DATE	2019-05-31	SEAL INSTALLATION TOOL	NTS	
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NOTES:

- 1) MATERIAL: McMaster#8893K165 OR EQUIV (O1 TOOL STEEL ROD 0.1610" DIA. X 3 FT. LONG ROCKWELL B90)
- 2) HEAT TREAT: 28-32 Rc
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
 X.XX = +/- 0.01" / +/- 0.5°  
 X.XXX = +/- 0.005" / +/- 0.1°  
 X.XXXX = +/- 0.0005" / +/- 0.05°  
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) CENTER DRILL IS ACCEPTABLE
- 9) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.01" PER CAD FILE RBW5605G00251-3G-1 REV. C.STEP

DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	DD	<b>RBW5605G00251-3G</b>	SHEET 2 OF 3
APPROVED	WP	TITLE	SCALE
		<b>SEAL INSTALLATION TOOL</b>	NTS
DATE	2019-05-31	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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8 7 6 5 4 3 2 1

D

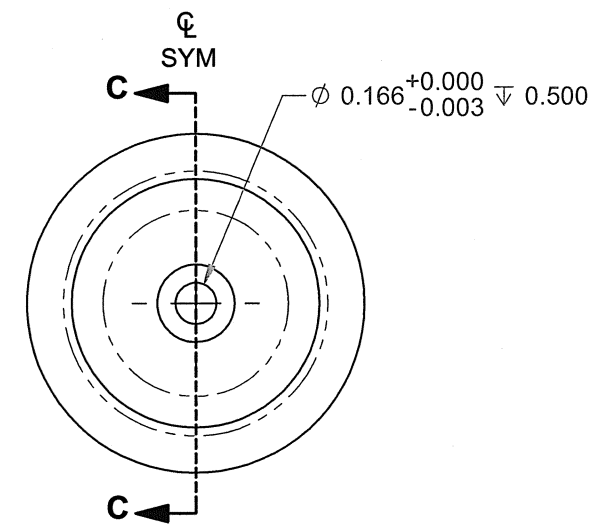
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C

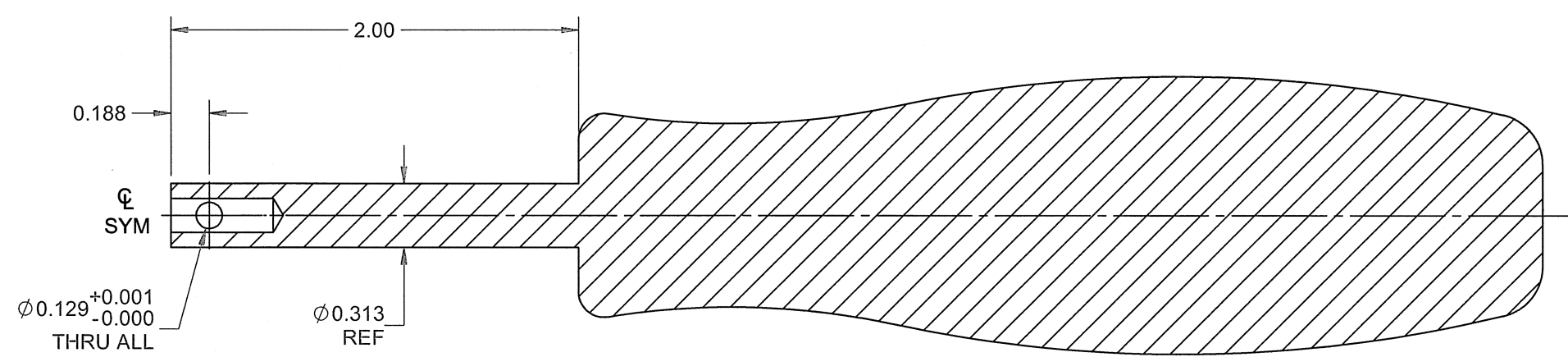
C

B

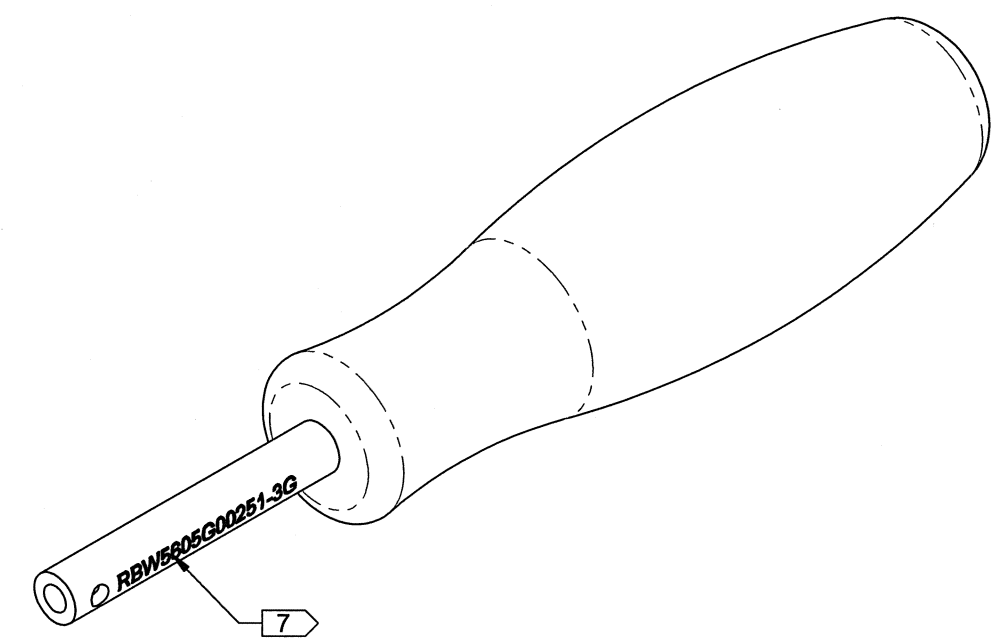
B



**RBW5605G00251-3G-3 HANDLE**



**SECTION C-C**



- NOTES:
- 1) MATERIAL: PROTO#JP0306R OR EQUIV (#3 PHILIPS SCREWDRIVER 6")
  - 2) HEAT TREAT: N/A
  - 3) FINISH: N/A
  - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
  - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 6) REMOVE ALL SHARP EDGES AND BURRS
  - 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBW5605G00251-3G", AS SHOWN

DESIGN	VM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	VM		
CHECKED	KPT	TOOL PART #	REV. C
MFG. APPR.	DD	RBW5605G00251-3G	SHEET 3 OF 3
APPROVED		TITLE	SCALE
		SEAL INSTALLATION TOOL	NTS
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8 7 6 5 4 3 2 1